

**United States Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, MA 02114-2023**

March 20, 2006

To: J. Kilborn, EPA
H. Inglis, EPA
R. Howell, EPA (w/o attachments)
D. Moore, USACE
K.C. Mitkevicius, USACE
S. Steenstrup, MA DEP (2 copies)
R. Bell, Esquire, MA DEP
S. Peterson, CT DEP
A. Silber, GE
J. Novotny, GE
J.R. Bieke, Esquire, Shea & Gardner
S. Messur, BBL
D. Young, MA EOE
K. Munney, US Fish and Wildlife
D. Mauro, META Environmental, Inc.
R. Nasman, The Berkshire Gas Company
Mayor Ruberto, City of Pittsfield
Commissioner of Public Works and Utilities, City of Pittsfield
Public Information Repositories

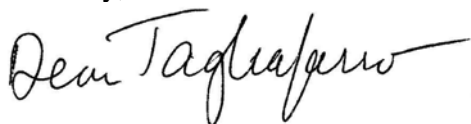
RE: February Monthly Report
1.5 Mile Reach Removal Action
GE-Pittsfield/Housatonic River Site

Enclosed please find the February 2006 Monthly Report for the 1.5 Mile Reach Removal Action. In accordance with the Consent Decree for the GE-Pittsfield/Housatonic River Site, the United States Environmental Protection Agency (EPA) is performing the 1.5 Mile Reach Removal Action, with General Electric funding a portion of the project through a cost sharing formula.

The EPA has entered into an agreement with the United States Army Corps of Engineers (USACE) to assist in the design and construction of the Removal Action. The USACE subsequently awarded a design-construct contract to Weston Solutions, Inc. (Weston). Weston, with several subcontractors, will be performing the design and construction activities for the 1.5 Mile Reach Removal Action.

If you have any questions, please contact me at (413) 236-0969.

Sincerely,



Dean Tagliaferro
1.5 Mile Reach Removal Action Project Manager

1. Overview

During February 2006, the Environmental Protection Agency (EPA), the United States Army Corps of Engineers (USACE), the USACE's contractor, Weston Solutions, Inc., and Weston's subcontractors continued remediation activities on the 1.5 Mile Reach Removal Action. The work included the completion of backfilling activities in Cells 39 and 42 and the removal of the sheetpile cutoff walls for Cells 39 and 42. The installation of the sheetpile centerline wall and cutoff walls for Cells 41, 44 and 45 was completed. Next, the excavation and backfilling activities in Cells 41, 44 and 45 were completed. Then, the sheetpile cutoff walls in Cells 41, 44 and 45 were removed and the upstream and the downstream cutoff walls for the upper portion of Cell 43 were installed. Excavation activities in upper portion of Cell 43 were initiated. The removal of the centerline sheetpile wall for Cells 39/40 and Cells 41/42 was completed. Also, activities associated with demolition of the temporary river diversion dam were performed. In addition, transfer of non-TSCA materials from the stockpile management areas to approved off-site facility continued.

2. Chronological description of tasks performed

Refer to Figure 1 (2 maps) for an orientation of the excavation cells and their respective locations.

By the end of January 2006, excavation of Cells 39 and 42 were completed and backfilling activities were approximately 50% completed.

During the month of February, backfilling of Cells 39 and 42 was completed. Backfill configurations for Cells 39 and 42 are described in January 2006 Monthly Report.

The surveyors monitored the backfilling activities in Cells 39 and 42 to ensure appropriate design backfill grades were achieved. Once backfilling was complete, the final restoration verification survey was performed. Erosion control riprap was placed along the Cell 42 downstream sheetpile cutoff wall to protect the riverbank from possible erosion in preparation for the downstream cutoff wall being driven to mud line. Next, the Cell 39 upstream sheetpile cutoff wall was removed and the Cell 42 downstream sheetpile wall was driven to one-foot above the mud line and Cells 39 and 42 were flooded.

Also, during the month of February, remediation activities in Cells 41, 44 and 45 were initiated and completed. To minimize impact on the adjacent residential properties on the east side of the river, the floating barge river crossing was utilized to access the east side of the river and perform remediation activities in Cells 41, 44 and 45. The floating barge river crossing was used in the past to access Cell 40 and was removed from the river for the Holiday Shutdown on December 15, 2005 and has not been in use since.

This time, the floating barge river crossing was installed directly upstream of Cells 39S and 40S. The barge is composed of two forty-foot by ten-foot barge sections, which overlap one another by a lip and are connected together by pins. Two vertical spuds were installed through the spud pockets on opposite corners of the barge for stabilization purposes. Fold out ramps were connected to the barge by pins. The other end of the ramps extended to the access roads on both sides of the river. Road barriers were placed along the outside edges of the barge and eight by eight wood curbs were placed on the outside edges of the ramps.

Once the barge crossing was in place several load tests were completed over the barge with 75% full, and 100% full trucks. All load tests passed and the use of the floating barge crossing was approved for use.

The removal of the Cell 39S/40S and Cell 39/40 centerline sheetpile wall was completed. The installation of the Cell 41/43 centerline sheetpile wall was completed. In addition, the Cell 42 downstream sheetpile wall, which previously was driven to mud line, was removed. The wall, even with being driven down to one-foot above the mud line was causing an obstruction during the elevated water flows at that time and needed to be removed in order to open up the entire west side of the river channel to river flow so that the sheetpile cutoff walls for Cell 41 could be installed on the east side of the river. Next, the Cell 41 upstream sheetpile cutoff wall was pulled from the mud line to grade and the downstream cutoff wall was installed.

Once Cell 41 was isolated, the dewatering activities were completed. The water greater than 6-inches in depth was pumped directly back to the river. Once the water depth reached 6-inches, it was pumped to the water treatment system (WTS). Sumps and swales were installed to help in the dewatering process. Once dewatering was completed, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas in Cell 41 and excavation activities in Cell 41 were completed. A small section of the floodplain in Cell 41 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA's contractors. The excavated TSCA material was transported to Building 65 stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64C north, Area 64D north and Area 64D south stockpile management areas. (See the attached Table 1 for amount of material excavated during the month of February and Table 2 for the amount of material excavated to date)

The surveyors monitored the excavation activities in Cell 41 to ensure appropriate design excavation depths were achieved.

The total amount of material excavated from Cell 41 in the "GE floodplain area" was 11 cy. GE will be responsible for the excavation, backfill, and OPCA disposal costs for the 11 cy of material.

Once the excavation activities were completed in Cell 41, the final excavation verification survey was performed, backfill grade stakes were installed and backfilling activities were initiated.

The riverbed and riverbanks of Cell 41 were backfilled as follows: The riverbed in Cell 41 did not require common fill. However, due to the significant ground water infiltration, filter material type I was placed and worked into the riverbed to provide a stable base for the six-inch layer of

filter material type III, which was placed next. Then, a ten-inch layer of filter material type I, and a fifteen-inch layer of 9-inch riprap were installed. The riverbanks in Cell 41 were backfilled with common fill to the design grade. Then, a six-inch layer of filter material type III, followed by a ten-inch layer of filter material type I and an eighteen-inch layer of 12-inch riprap were placed up to elevation 965.0 feet above mean sea level AMSL.

In some areas of the Cell 41 riverbanks, elevation 965.0 feet AMSL was the top of the riverbank, therefore no additional backfilling was required beyond that elevation. The other areas of the riverbank where the top of the riverbank extended beyond elevation 965.0 feet AMSL were backfilled with common fill to within 6-inches of final grade. The common fill was installed in twelve-inch horizontal lifts and compacted to meet the 95% compaction requirement.

Due to the upcoming remediation in the "GE floodplain area" adjacent to Cell 41, the topsoil, herbaceous seed and erosion control blankets will be placed at a later date.

The surveyors monitored the backfilling activities in Cell 41 to ensure appropriate design backfill grades were achieved. Upon completion of the backfilling activities in Cell 41, final restoration verification survey was completed.

While excavation and backfill activities progressed in Cell 41, the installation of the centerline sheetpile wall for Cells 43/44 continued. However, the excavation and the backfilling of Cell 41 was progressed quicker than anticipated and Cells 43/44 sheetpile wall was not complete in time to start excavation in Cell 44.

It was decided that it would be advantageous to divide Cell 44 into two separate cells so that the remediation of the upper section of the cell could be done simultaneously with the sheetpile installation for the lower portion of Cell 44. Therefore, the Cell 44 downstream sheetpile cutoff wall was installed establishing the upper section of the cell to be only approximately 125-feet in length and leaving the lower section of the cell to be approximately 95-feet in length.

Once the upper Cell 44 was isolated, the dewatering activities were completed. The water greater than 6-inches in depth was pumped directly back to the river. Once the water depth reached 6-inches, it was pumped to the WTS. Sumps and swales were installed to help in the dewatering process. Once dewatering was completed, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas and excavation activities in the upper section of Cell 44 were completed. A small section of the floodplain in Cell 44 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA's contractors. The excavated TSCA material was transported to Building 65 stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64A, Area 64C south and Area 64B north stockpile management areas.

The surveyors monitored the excavation activities in the upper Cell 44 to ensure appropriate design excavation depths were achieved.

Once the excavation activities were completed in the upper Cell 44, the final excavation verification survey was performed, backfill grade stakes were installed and backfilling activities were completed.

The riverbed and riverbanks of Cell 44 were backfilled as follows: The riverbed in Cell 44 did not require common fill. However due to the significant ground water infiltration, filter material type I was placed and worked into the riverbed to provide a stable base for the six-inch layer of filter material type III which was placed next. Then, a ten-inch layer of filter material type I, and a fourteen-inch layer of 9-inch riprap were installed. The riverbanks in Cell 44 were backfilled with common fill to the design grade. Then, a six-inch layer of filter material type III, followed by a ten-inch layer of filter material type I and an eighteen-inch layer of 12-inch riprap were placed up to elevation 965.0 feet above mean sea level AMSL.

The riverbanks beyond elevation 965.0 feet AMSL were backfilled with common fill to within 6-inches of final grade. The common fill was installed in twelve-inch horizontal lifts and compacted to meet the 95% compaction requirement. Due to the upcoming remediation in the "GE floodplain area" adjacent to Cell 44, the topsoil, herbaceous seed and erosion control blankets will be placed at a later date.

The surveyors monitored the backfilling activities in Cell 44 to ensure appropriate design backfill grades were achieved. Upon completion of the backfilling activities in Cell 44, final restoration verification survey was completed.

Also, the placement of riverbed enhancement structures in the upper section of Cell 44 was completed.

While the excavation and backfilling activities were ongoing in upper Cell 44, the installation of the centerline and the downstream sheetpile cutoff wall for the lower section of Cell 44 was completed. The Cell was isolated and dewatered in the same manner as described above for the upper section of Cell 44. Once dewatering was completed, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas and excavation activities in the lower section of Cell 44 were completed. A small section of the floodplain in Cell 44 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA's contractors. The excavated TSCA material was transported to Building 65 stockpile management area. The non-TSCA material characterized for off-site disposal was transported to Area 64B south stockpile management area. The non-TSCA material not characterized for off-site disposal was transported to Area 64C north stockpile management area.

The total amount of material excavated from Cell 44 in the "GE floodplain area" was 3 cy. GE will be responsible for the excavation, backfill, and OPCA disposal costs for the 3 cy of material.

The surveyors monitored the excavation activities to ensure appropriate design excavation depths were achieved. Once the excavation activities were completed in the lower Cell 44, the final excavation verification survey was performed and backfill grade stakes were installed.

While excavation activities were ongoing in lower Cell 44, the sheetpile containment walls for Cell 45 were installed. A sewer siphon structure is located beneath the Cell 45 riverbed sediment. The sheets were driven very carefully to embed on top of the sewer siphon structure without damaging the structure. Cell 45 is the last cell associated with the 1.5 mile remediation activities and there will be no riverbed or riverbank excavation beyond Cell 45. Once the installation of the walls in Cell 45 was complete, the removal of the Cell 41 upstream sheetpile cutoff wall and the removal of the Cells 41/42 centerline wall were completed.

It was decided to complete the excavation and backfilling activities in Cell 45 prior to backfilling the lower Cell 44. Due to the high water flow into Cell 45 under the sheetpile walls, which were embedded on top of the siphon structure, it was decided that dewatering of the cell could not be accomplished. Therefore the cell was excavated “in the wet”. The excavation and backfill activities in cell 45 were completed as soon as possible to minimize any potential for washout or structural concerns. A small section of the floodplain in Cell 45 adjacent to the top of riverbank where GE anticipates performing subsequent remediation on floodplains was remediated and restored by EPA’s contractors.

Cell 45 is the last cell associated with the 1.5 mile remediation activities and there will be no riverbed or riverbank excavation beyond Cell 45. This requires that end protection/tie-in buffer be installed as part of the sediment backfill configuration in Cell 45. The end protection consists of riverbed riprap layer to be two times thicker than the standard design riverbed layer of fifteen inches. The end protection is to be installed in the last six feet of the riverbed in Cell 45. To provide the necessary depth for the end protection, an additional six-inch to twelve-inches of riverbed material was excavated beyond the required design depth. Also, some additional riverbank material was removed at the downstream of the cell to allow for placement of riprap to create a smooth transition from the restored riverbank to the undisturbed downstream riverbank.

The excavated material was placed into a double roll off box to allow the material to decant then the TSCA material was transported to Building 65 stockpile management area and the non-TSCA material not-characterized for offsite disposal was transported to Area 64C north stockpile management area.

The total amount of material excavated from Cell 45 in the “GE floodplain area” was 2 cy. GE will be responsible for the excavation, backfill, and OPCA disposal costs for the 2 cy of material.

The surveyors monitored the excavation activities in Cell 45 to ensure appropriate design excavation depths were achieved. Once the excavation activities were completed in Cell 45, the final excavation verification survey was performed and backfilling was complete.

The backfilling activities were performed in “in the wet”. The riverbed in Cell 45 did not require a common fill layer. First a six-inch layer of filter material type III was placed, followed by a ten-inch layer of filter material type I, then a fifteen-inch layer of 9-inch riprap was placed. The riverbed areas of Cell 45 associated with the six-foot wide end protection were backfilled with six-inch layer of filter material type III, followed by a ten-inch layer of filter material type I and a thirty-inch layer of 9-inch riprap.

The riverbanks were backfilled with common fill to the design grade, a six-inch layer of filter material type III, a ten-inch layer of filter material type I and an eighteen-inch layer of 12-inch riprap up to approximately elevations 965.0 feet AMSL which is the top of the riverbank.

Additional 18-inch riprap was placed on the riverbank at the downstream end of the cell to create a smooth transition from the restored riverbank to the undisturbed downstream riverbank.

No additional backfilling of the riverbank was required beyond elevation 965.0 feet AMSL.

Once excavation and backfilling activities were completed in Cell 45, the backfilling of lower Cell 44 was completed. Lower Cell 44 was backfilled in the same exact manner as upper Cell 44. The backfill configurations are described above for the Cell 44. Same as in upper Cell 44, due to the upcoming remediation in the "GE floodplain area" adjacent to Cell 44, the topsoil, herbaceous seed and erosion control blankets will be placed at a later date.

Also, the placement of riverbed enhancement structures in the lower section of Cell 44 was completed. In addition, the enlargement of a wing deflector installed in Cell 38A was completed.

Next, all the cutoff sheetpile walls were removed from the east side of the river channel and the east side of the river was open to flow. This included the upstream cutoff wall for upper Cell 44, upstream cutoff wall for lower Cell 44, the downstream cutoff wall for lower Cell 44 and the downstream cutoff wall for Cell 45.

Once the river was flowing through the east side of the river channel, the cutoff walls for Cell 43 were installed.

Since Cell 43 was a large cell, approximately 375-feet in length, it was assumed that there would be a significant ground water infiltration in Cell 43. Therefore, it was decided that it would be advantageous to divide Cell 43 into two separate cells upper Cell 43 and lower Cell 43. Therefore, the upstream sheetpile wall for the upper Cell 43 and the downstream cutoff wall were installed establishing the upper section of the cell to be approximately 275-feet in length and leaving the lower section of the cell to be approximately 100-feet in length.

The upper section of Cell 43 was isolated and dewatering activities were completed. The water greater than 6-inches in depth was pumped directly back to the river. Once the water depth reached 6-inches, it was pumped to the WTS. Sumps and swales were installed to help in the dewatering process. Once dewatering was completed, the survey contractor completed the delineation of non-TSCA and TSCA excavation areas in upper Cell 43 and excavation activities were initiated. The excavated non-TSCA material, not-characterized for offsite disposal was transported to Area 64D south stockpile management area.

By the end of February excavation of the upper section of Cell 43 was approximately 10% complete.

Also, by the end of January 2006, activities associated with the demolition of the temporary river diversion dam were initiated. During the month of February, the demolition of the temporary

dam continued. The slide gates, the walkway, the railings and other components of the dam were removed. The vertical beams and the upper section steel components of the dam were cut with torches into manageable pieces and stockpiled on site for disposal as scrap metal. The concrete components of the dam were then removed by using an excavator with a concrete hammer. The concrete foundation was broken down in place into pieces and removed carefully from the riverbed so it would not disturb the underlying layer of backfill. The concrete pieces were then transferred to the stockpile management area where they will be sampled. The two 54-inch pipe spool pieces that were embedded in the concrete were also removed and stockpiled on site.

Next, a 100-ton crane was mobilized to the site to remove the trash rack located upstream of the dam and the sheetpile that was located on the riverbank and below the concrete cap in the riverbed. The crane was assembled and load tests were performed, all the tests passed and the crane was approved for use. The sheetpile and trash rack removal was initiated on the west side of the river first, then the crane was relocated to the east side of the river and the sheetpile and the trash rack were removed from the east riverbed and riverbank. Once the sheetpile was removed and the demolition of the dam structure was complete, both the riverbed and the riverbank were restored with riprap to meet the design backfill configurations for those areas. Twelve-inch riprap was placed in the riverbed and 18-inch riprap was placed on the riverbank up to elevation 976.0 AMSL. The riverbank above elevation 976.0 AMSL will be backfilled with a layer of common fill and topsoil at a later date. In addition, 18-inch riprap wedge was placed over the exposed permanent sheetpile retaining wall located on the east side of the river. Also, once the dam structure was removed, the required river enhancement structures were placed in the riverbed near the location of the dam.

Also in January, the transportation of additional 54-inch HDPE river diversion pipe to the offsite recycling facility was performed. All but seven sections of the pipe were shipped offsite. The last seven pieces may still be utilized during the 1.5 mile remediation activities and will be shipped to the offsite recycling facility once the 1.5 mile remediation activities are completed.

Other miscellaneous activities performed during the month of February included the adjustments to all the gates on all the site security fencing. Repairs to the permanent fencing caused by a fallen tree along Caledonia Street were completed. The removal of the site security fencing on and the installation of new permanent four-foot green vinyl fence along the parking lot on Parcel I8-4-201/202 were completed. Repairs to the silt fencing along the top of the riverbank on Parcel I7-2-1 were completed. The demobilization of the maintenance/support structure on GE Lyman Street parking lot support/staging area was completed. Decontamination of the excess WTS HDPE piping, concrete bin blocks and jersey barriers was initiated.

During the month of February, the WTS operations continued. The WTS treated water from Cells 39, 42, 41, 44 and 43. Sampling of the WTS for parameters included in the NPDES exclusion permit was performed on February 10, 2006. Air monitoring for particulate matter (PM10 sampling), noise monitoring and surface water turbidity monitoring were performed on a daily basis during the month of February. Surface water sampling for total suspended solids (TSS) and PCBs was performed on February 08, 2006 and February 22, 2006. The monthly PCB air-monitoring event was performed on February 09, 2006. Twenty eight decontaminated

equipment confirmatory wipe samples were collected in February 2006. Six eight-point composite post excavation off-site disposal characterization samples were collected on February 13, 2006, February 16, 2006, February 17, 2006, and February 23, 2006 from the riverbed and riverbank materials excavated from Cells 41, 44 and 45 (stockpiled in Area 64A, Area 64B, Area 64C and Area 64D). In addition, on February 21, 2006, two characterization samples were collected from the temporary river diversion dam concrete remnants.

The non-TSCA materials from the Area 64D, Area 64C, Area 64B and Area 64A stockpile management areas were transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. from February 03, 2006 to February 28, 2006. (See Table 4 for a summary of material transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of February 2006).

Vibration monitoring activities were performed in Phase 3C on structures located within 200-foot radius of the activities associated with sheetpile installation and on two properties in the Transition Phase during the demolition activities of the temporary river diversion dam.

Stockpile management area activities continued throughout the month of February. Daily inspections, operation, and maintenance activities were performed within Buildings 63, 65, Area 64 (the outside stockpile area) and Building 68.

Traffic control was conducted on Lyman Street, Elm Street, Deming Street and Pomeroy Avenue during the month of February.

3. Sampling/test results received

Table 5 contains a summary of the PCB samples collected for the water treatment system sampling program on February 10, 2006. The results of the daily particulate air monitoring program are summarized in Table 6. Results for the daily noise monitoring are provided in Table 7. Table 8 is a summary of daily turbidity monitoring results. Summary of PCB and TSS samples and water column monitoring data collected on February 08, 2006 and February 22, 2006 are presented in Table 9. However, the February 22, 2006 PCB and TSS results are not yet available. The PCB air sample results for sampling conducted on February 09, 2006 are provided in Table 10. Table 11 contains results for the decontaminated equipment confirmation wipe samples. Post-excavation off-site disposal characterization sample results for the riverbed and riverbank materials excavated from Cells 41, 44 and 45 (stockpiled in Area 64A, Area 64B, Area 64C and Area 64D) are summarized in Table 12. Table 13 contains results for the two characterization samples collected from the temporary river diversion dam concrete remnants on February 21, 2006.

4. Diagrams associated with the tasks performed

Figure 1 (2 maps) includes the layout of all excavation cells, the temporary dam, water monitoring locations, air sampling locations, vibration monitoring locations, access road locations, excavation load-out locations, staging area locations, fence line location, the new and the old water treatment system pad locations and the floating river barge crossing.

5. Reports received and prepared

During the month of February 2006, Weston received a vibration monitoring summary report for the month of January 2006 from Vibra-Tech, Inc. During this period, vibration monitoring was performed on the sewer siphon structure located at the Fred Garner Park and the sewer siphon structure located on the east riverbank at the confluence of the east and the west branches of the Housatonic River. In addition vibration monitoring was initiated during the demolition activities of the temporary river diversion dam. Two properties were monitored, the Laundromat building located on Parcel I8-23-6 and the building located on Parcel I8-24-5. All four units were set up to collect data on the continuous seismic mode. Activities occurring near the monitoring locations during this period included normal background activities, the installation and removal of sheetpile walls, and general construction activities. All of the ground vibrations measured were less than the action level in the project specifications of 1.0 PPV (for structures with concrete foundations) except for one exceedance on the sewer siphon structure located at the Fred Garner Park. The exceedance was a single one-minute interval caused by human interference when a sand bag covering the geophone was moved and it was Vibra-Tech's opinion that no action be taken.

During the month of February 2006, vibration monitoring was performed on the sewer siphon structure located at the Fred Garner Park and the sewer siphon structure located on the east riverbank at the confluence of the east and the west branches of the Housatonic River. In addition vibration monitoring was completed during the demolition activities of the temporary river diversion dam. Three properties were monitored, the Laundromat building located on Parcel I8-23-6 and the buildings located on Parcel I8-24-5 and Parcel I8-24-6. However, the report for February 2006 has not yet been received.

6. Photo documentation of activities performed

See attached photos.

7. Brief description of work to be performed in March 2006

- Complete excavation and backfilling activities in upper Cell 43.
- Remove the upstream cutoff wall for upper Cell 43.
- Install the downstream sheetpile wall for lower Cell 43.
- Complete excavation and backfilling activities in lower Cell 43.
- Remove the upstream and downstream cutoff wall for lower Cell 43.
- Remove the centerline sheetpile wall for Cells 43/44.
- Initiated the demobilization of WTS.
- Restore the riverbanks adjacent to the former location of the temporary river diversion dam.
- Continue decontamination and demobilization activities.
- Continue stockpile management activities at Buildings 63, 65, 68 and Area 64.
- Continue to transfer non-TSCA materials from the stockpile management areas to an approved off-site facility.
- Continue the daily air, noise and turbidity monitoring.
- Continue PCB air sampling (once a month), water column sampling (twice a month), water treatment system sampling (once a month) and backfill material sampling (as needed).
- Continue vibration monitoring activities in Phase 3C.

8. ATTACHMENTS TO THIS REPORT

Table 1. Quantity of Bank and Sediment Material Excavated during the Month of February

Table 2. Quantity of Bank and Sediment Material Excavated to Date

Table 3. Quantity of Material Transferred to OPCAs to Date

Table 4. Quantity of non-TSCA Material Transferred to Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of February

Table 5. NPDES PCB Sampling Results for Water Treatment System

Table 6. Daily Air Monitoring Results

Table 7. Daily Noise Monitoring Results

Table 8. Daily Water Column Turbidity Monitoring Results

Table 9. Summary of Turbidity, PCB, and TSS Water Column Monitoring Results

Table 10. PCB Air Sampling Results

Table 11. Equipment Decontamination Confirmation Wipe Sample Results

Table 12. Post-Excavation Soil/Sediment Stockpile Characterization Analytical Results

Table 13. Temporary Dam Concrete Characterization Analytical Results

Figure 1- 1.5 Mile Removal Action Site Map (2 maps)

Photodocumentation

**Table 1 - Quantity of Bank and Sediment Material Generated During the Month of February
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity of Excavated Bank and Sediment Material		
Date	Location	non-TSCA	TSCA	NAPL impacted
Bank Soil and Sediment				
02/08/06	Cell 41	50	220	0
02/09/06	Cell 41	460	20	0
02/10/06	Cell 41	200	120	0
02/15/06	Cell 44	370	90	0
02/16/06	Cell 44	270	10	0
02/20/06	Cell 44	30	50	0
02/21/06	Cell 44	240	0	0
02/22/06	Cell 45	120	10	0
02/28/06	Cell 43	140	0	0
	Monthly total from bank soil and sediment	1,880	520	0

Note:

All quantities are in compacted or "in-place" cubic yards. All loads are estimated at 10cy per truck.

**Table 2 - Quantity of Bank and Sediment Material Excavated to Date
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in cubic yards)

		Approximate Quantity of Bank and Sediment Material Excavated to Date			
Date	Location	non-TSCA	TSCA	NAPL impacted	Total
09/26/02 to 10/02/02	Cell 1A	101	0	53	154
10/02/02 to 10/04/02	Cell 1B	60	0	110	170
10/18/02 to 10/29/02	Cell 2	874	175	0	1,049
11/11/02 to 11/15/02	Cell 3	183	0	200	383
11/18/02 to 11/25/02	Cell 4	2,283	198	0	2,481
12/03/02 to 12/10/02	Cell 5	1,629	369	0	1,998
01/07/03 to 01/15/03	Cell 6	832	658	0	1,490
01/10/03 to 01/29/03	Cell 6A	2,611	68	0	2,679
02/03/03 to 02/10/03	Cell 7&7A	1,114	636	0	1,750
02/20/03 to 02/24/03	Cell 5A	899	0	0	899
02/25/03 to 03/07/03	Cell 8&8A	1,245	90	0	1,335
03/14/03 to 03/18/03	Cell 9	603	307	0	910
03/27/03 to 04/07/03	Cell 10&10A	1,730	133	0	1,863
04/14/03 to 04/16/03	Cell 12	668	1,354	0	2,022
04/30/03 to 05/09/03	Cell 11	1,713	341	10	2,064
05/27/03 to 06/12/03	Cell 11A	957	166	462	1,585
06/25/03 to 07/29/03	Cell 12A	1,656	805	656	3,117
09/04/03 to 10/22/03	Cell 13	3,580	298	1,129	5,007
01/08/04 to 03/24/04	Cell 14&15	4,462	288	257	5,007
05/25/04 to 07/28/04	Cell 16&17	4,409	822	3,191	8,422
07/30/04 to 09/17/04	Cell 18&19	3,741	65	685	4,491
09/28/04 to 10/25/04	Cell 20	948	591	196	1,735
09/28/04 to 10/25/04	Cell 21	525	569	0	1,094
09/28/04 to 10/25/04	Cell 22	1,170	686	0	1,856
11/04/04 to 12/01/04	Cell 23^	1,725	189	0	1,914
11/04/04 to 12/02/05	Cell 24^	1,610	247	0	1,857
04/06/05 to 4/13/05	Cell 25^	858	369	0	1,227
04/12/05 to 04/19/05	Cell 25A^	419	127	0	546
04/27/05 to 05/04/05	Cell 26^	2,199	357	0	2,556
05/17/05 to 05/20/06	Cell 28	1,281	187	0	1,468
06/01/05 to 06/03/05	Cell 27	1,062	109	0	1,171
06/14/05 to 06/20/05	Cell 29	1,738	241	0	1,979
07/05/05 to 07/13/05	Cell 32^	1,540	541	0	2,081
07/25/05 to 07/28/05	Cell 30^	1,558	304	0	1,862
08/08/05 to 08/12/05	Cell 31^	1,689	211	0	1,900
08/23/05 to 08/24/05	Cell 33/34	1,289	21	0	1,310
09/09/05 to 09/13/05	Cell 35	997	42	0	1,039
09/22/05 to 09/23/05	Cell 36^	1,661	123	0	1,784
09/29/05 to 10/01/05	Cell 37^	573	51	0	624
10/07/05 to 10/19/05	Cell 38^	1,153	140	0	1,293
11/04/05 to 11/10/05	Cell 38S&38A^	673	270	0	943
11/10/05 to 11/14/05	Cell 40S^	121	0	0	121
11/16/05 to 11/19/05	Cell 37S&37A^	1,327	210	0	1,537
12/06/05 to 12/08/05	Cell 40^	1,454	117	0	1,571

01/11/06 to 01/27/06	Cell 39	2,164	57	0	2,221
01/24/06 to 01/27/06	Cell 42	491	85	0	576
01/25/06 to 01/27/06	Cell 39S	27	170	0	197
02/08/06 to 02/10/06	Cell 41^	1,809	286	0	2,095
02/15/06 to 02/21/06	Cell 44^	965	108	0	1,073
02/22/06 to 02/22/06	Cell 45^	166	22	0	188
Total		68,542	13,203	6,949	88,694

Note:

All quantities determined by pre- and post- excavation surveying.

^ - Excludes material removed from the "GE Floodplain Area".

The excavated volume for Cell 37S&37A was adjusted based on additional survey information.

**Table 3 - Quantity of Material Transferred to OPCAs to Date
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA
(Results are reported in cubic yards)**

		Approximate Quantity Transferred to OPCAs	
Date	Location	Hill 78 (non-TSCA)	Bldg. 71 (TSCA)
Site Preparation Activities			
09/11/02	Building 65 Stockpile Management Area	225	
Bank Soil and Sediment			
12/05/02 to 12/19/02	Stockpile Management Area/Excavation Cells	4,718 (1)	910 (1)
02/11/03 to 02/28/03	Stockpile Management Area/Excavation Cells	5,137 (2)	539 (2)
03/03/03 to 03/14/03	Stockpile Management Area/Excavation Cells	1,749 (2)	1,353 (2)
04/07/03 to 04/18/03	Stockpile Management Area/Excavation Cells	2,710 (3)	1,698 (3)
04/07/03 to 04/18/03	Stockpile Management Area/Cleanup Material	370 (3)	40 (3)
05/12/03 to 05/14/03	Stockpile Management Area/Excavation Cells	1,826 (3)	0
05/12/03 to 05/14/03	Stockpile Management Area/Cleanup Material	220 (3)	0
06/11/03 to 06/12/03	Stockpile Management Area/Excavation Cells	0	704 (3)
06/16/03 to 06/17/03	Stockpile Management Area/Excavation Cells	712 (3)	0
06/16/03 to 06/17/03	Stockpile Management Area/Cleanup Material	146 (3)	0
07/07/03 to 07/11/03	Stockpile Management Area/Excavation Cells	1,188 (3)	748 (3)
09/15/03 to 09/30/03	Stockpile Management Area/Excavation Cells	2,090 (3)	308 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Excavation Cells	1,623 (3)	33 (3)
10/28/03 to 10/30/03	Stockpile Management Area/Cleanup Material	181 (3)	0
11/18/03	Demolition Debris from Parcels I8-10-2 and I8-10-3	200 (4)	0
1/12/04	Stockpile Management Area/Excavation Cells	77 (3)	0
04/28/04 to 4/30/04	Stockpile Management Area	0	825 (3)
05/12/04 to 05/27/04	Stockpile Management Area/Excavation Cells/Outfall Repair on Parcel I8-23-6	1,518 (3)	484 (3)
06/03/04 to 06/22/04	Stockpile Management Area	0	528 (3)
07/06/04 to 07/16/05	Stockpile Management Area	396 (3)	836 (3)
08/11/04 to 08/31/04	Stockpile Management Area	1,045 (3)	0
09/28/04 to 09/30/04	Stockpile Management Area	1,375 (3)	0
10/01/04 to 10/14/04	Stockpile Management Area	352 (3)	1,958 (3)
11/01/04 to 11/15/04	Stockpile Management Area	363 (3)	1,342 (3)
12/02/04 to 12/14/04	Stockpile Management Area	176 (3)	847 (3)
04/20/05 to 04/22/05	Stockpile Management Area *	0	482 (3)
05/05/05 to 05/23/05	Stockpile Management Area **	0	1,067 (3)
6/27/05	Stockpile Management Area	0	154 (3)
07/07/05 to 07/29/05	Stockpile Management Area***	0	1,807 (3)
08/01/05 to 08/22/05	Stockpile Management Area****	0	1,445 (3)
10/03/05 to 10/26/06	Stockpile Management Area*****	0	1,177(3)
11/10/05 to 11/14/05	Stockpile Management Area*****	0	426(3)
12/12/05 to 12/21/06	Stockpile Management Area*****	0	1,185(3)
Project Totals		28,397	20,896
Combined Total of Material Transferred to Hill 78 and Building 71		49,293	

Notes:

Pursuant to the Consent Decree, EPA is allowed to dispose of up to 50,000cy of material into GE OPCAs.

Pursuant to August 2004 agreement between EPA and GE, EPA is allowed to dispose an additional 750cy of material into the GE OPCAs to account for a portion of the volume of material generated as part of the removal of the gabion baskets and reno mattresses along Deming Street.

* - Excludes the 104 truck loads (1,168 cy) of the "GE Floodplain Area".

** - Excludes the 29 (319 cy) truck loads of the "GE Floodplain Area".

*** - Excludes the 20 (217cy) truck loads of the "GE Floodplain Area".

**** - Excludes the 11 (117cy) truck loads of the "GE Floodplain Area".

***** - Excludes the 2 (22cy) truck loads of the "GE Floodplain Area".

***** - Excludes the 2 (25cy) truck loads of the "GE Floodplain Area".

***** - Excludes the 6 (69cy) truck loads of the "GE Floodplain Area".

All quantities are in compacted or "in-place" cubic yards.

(1) Estimated at 14cy per truck, loaded with excavator.

(2) Estimated at 11cy per truck due to loading out frozen material.

(3) Estimated at 11cy per truck, loaded with front end loader.

(4) Estimated at 8cy per truck

**Table 4 - Quantity of non-TSCA Material Transported to Waste Management of New Hampshire-TREE,
Rochester, N.H.**

**During the Month of February
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (*)
02/03/06	1201WMNH	Cell 39/42 Area 64D south	30.85
02/03/06	1202WMNH	Cell 39/42 Area 64D south	32.11
02/03/06	1203WMNH	Cell 39/42 Area 64D south	31.83
02/03/06	1204WMNH	Cell 39/42 Area 64D south	31.90
02/03/06	1205WMNH	Cell 39/42 Area 64D south	29.44
02/03/06	1206WMNH	Cell 39/42 Area 64D south	32.66
02/03/06	1207WMNH	Cell 39/42 Area 64D south	32.41
02/03/06	1208WMNH	Cell 39/42 Area 64D south	30.76
02/03/06	1209WMNH	Cell 39/42 Area 64D south	31.42
02/03/06	1210WMNH	Cell 39/42 Area 64D south	31.49
02/03/06	1211WMNH	Cell 39/42 Area 64D south	32.53
02/03/06	1212WMNH	Cell 39/42 Area 64D south	31.62
02/06/06	1213WMNH	Cell 39/42 Area 64D south	30.56
02/06/06	1214WMNH	Cell 39/42 Area 64D south	33.74
02/06/06	1215WMNH	Cell 39/42 Area 64D south	31.63
02/06/06	1216WMNH	Cell 39/42 Area 64D south	31.02
02/06/06	1217WMNH	Cell 39/42 Area 64D south	32.01
02/06/06	1218WMNH	Cell 39/42 Area 64D south	31.34
02/06/06	1219WMNH	Cell 39/42 Area 64Dnorth	31.93
02/06/06	1220WMNH	Cell 39/42 Area 64Dnorth	30.73
02/06/06	1221WMNH	Cell 39/42 Area 64Dnorth	32.66
02/06/06	1222WMNH	Cell 39/42 Area 64C south	31.96
02/06/06	1223WMNH	Cell 39/42 Area 64C south	33.28
02/06/06	1224WMNH	Cell 39/42 Area 64C south	31.95
02/07/06	1225WMNH	Cell 39/42 Area 64C south	31.51
02/07/06	1226WMNH	Cell 39/42 Area 64C south	32.17
02/07/06	1227WMNH	Cell 39/42 Area 64C south	33.90
02/07/06	1228WMNH	Cell 39/42 Area 64C south	31.85
02/07/06	1229WMNH	Cell 39/42 Area 64C south	31.16
02/08/06	1230WMNH	Cell 39/42 Area 64C south	32.64
02/08/06	1231WMNH	Cell 39/42 Area 64C south	33.32
02/08/06	1232WMNH	Cell 39/42 Area 64C south	31.69
02/21/06	1233WMNH	Cell 41 Area 64D north	31.14
02/21/06	1234WMNH	Cell 41 Area 64D north	29.01
02/21/06	1235WMNH	Cell 41 Area 64D north	31.99

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (*)
02/21/06	1236WMNH	Cell 41 Area 64D north	32.67
02/21/06	1237WMNH	Cell 41 Area 64D north	31.48
02/21/06	1238WMNH	Cell 41 Area 64D north	30.91
02/21/06	1239WMNH	Cell 41 Area 64D north	31.60
02/21/06	1240WMNH	Cell 41 Area 64D north	31.39
02/21/06	1241WMNH	Cell 41 Area 64D north	31.25
02/21/06	1242WMNH	Cell 41 Area 64D north	31.97
02/21/06	1243WMNH	Cell 41 Area 64D north	31.62
02/21/06	1244WMNH	Cell 41 Area 64D north	33.27
02/22/06	1245WMNH	Cell 41 Area 64D north	32.32
02/22/06	1246WMNH	Cell 44 Insitu Area 64B south	33.96
02/22/06	1247WMNH	Cell 44 Insitu Area 64B south	31.93
02/22/06	1248WMNH	Cell 44 Insitu Area 64B south	30.66
02/23/06	1249WMNH	Cell 44 Area 64A	32.19
02/23/06	1250WMNH	Cell 44 Area 64A	30.70
02/23/06	1251WMNH	Cell 44 Area 64A	30.33
02/23/06	1252WMNH	Cell 44 Area 64A	30.78
02/23/06	1253WMNH	Cell 44 Area 64A	30.42
02/23/06	1254WMNH	Cell 44 Area 64A	32.68
02/23/06	1255WMNH	Cell 44 Area 64A	30.00
02/23/06	1256WMNH	Cell 44 Area 64A	31.81
02/23/06	1257WMNH	Cell 44 Area 64A	33.66
02/23/06	1258WMNH	Cell 44 Area 64A	33.32
02/23/06	1259WMNH	Cell 44 Area 64A	34.08
02/23/06	1260WMNH	Cell 44 Area 64A	32.58
02/24/06	1261WMNH	Cell 44 Area 64A	31.67
02/24/06	1262WMNH	Cell 44 Area 64A	32.61
02/24/06	1263WMNH	Cell 44 Area 64A	31.52
02/24/06	1264WMNH	Cell 44 Area 64A	30.90
02/24/06	1265WMNH	Cell 44 Area 64A	28.91
02/24/06	1266WMNH	Cell 44 Area 64A	29.14
02/24/06	1267WMNH	Cell 44 Area 64A	32.70
02/24/06	1268WMNH	Cell 44 Area 64A	32.98
02/24/06	1269WMNH	Cell 44 Area 64A	33.69
02/24/06	1270WMNH	Cell 44 Area 64A	32.86
02/27/06	1271WMNH	Cell 44 Area 64C south	32.12
02/27/06	1272WMNH	Cell 44 Area 64C south	31.63
02/27/06	1273WMNH	Cell 44 Area 64C south	32.61
02/27/06	1274WMNH	Cell 44 Area 64C south	31.39
02/27/06	1275WMNH	Cell 44 Area 64C south	31.64
02/27/06	1276WMNH	Cell 44 Area 64C south	33.32
02/27/06	1277WMNH	Cell 44 Area 64C south	30.35
02/27/06	1278WMNH	Cell 44 Area 64C south	32.15
02/28/06	1279WMNH	Cell 44 Area 64B north	32.12
02/28/06	1280WMNH	Cell 44 Area 64B north	31.72

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (*)
02/28/06	1281WMNH	Cell 44 Area 64B north	33.43
02/28/06	1282WMNH	Cell 44 Area 64B north	31.32
02/28/06	1283WMNH	Cell 44 Area 64B north	32.97
02/28/06	1284WMNH	Cell 44 Area 64B north	33.94
02/28/06	1285WMNH	Cell 44 Area 64B north	33.18
Total of Material Disposed			2,710.66

Notes:

* - Net weights established onsite during the load out of material.

**Table 5- NPDES Sampling Results for Water Treatment System
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in part per billion, ppb)

Sample ID	Location	Date Collected	Aroclor 1016, 1221, 1232, & 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-WW000001-0-6F10	Influent	10-Feb-06	ND(0.39)	ND(0.39)	1.2	4.1	5.3
H2-WW000002-0-6F10	Intermediate	10-Feb-06	ND(0.026)	ND(0.026)	0.045	0.21	0.26
H2-WW000003-0-6F10	Effluent	10-Feb-06	ND(0.013)	ND(0.013)	ND(0.013)	0.056	0.056
Action Level	Effluent		0.50	0.50	0.50	0.50	0.50

Notes:

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

Intermediate - Sample collected between carbon units which are being operated in series.

2/10/06 - monthly sampling

J - Indicates an estimated value

**Table 6 - Daily Air Monitoring Results
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date Collected	Sample Location	Average Site Concentration (mg/m³)	Average Period (Hours:Min)
2/1/2006	Upwind	0.001	5
	Downwind	--	--
2/2/2006	Upwind	0.000	6
	Downwind	0.036	6
2/3/2006	Upwind	##	##
	Downwind	##	##
2/4/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/5/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/6/2006	Upwind	##	##
	Downwind	##	##
2/7/2006	Upwind	0.000	6
	Downwind	0.006	6
2/8/2006	Upwind	0.000	8
	Downwind	0.007	8
2/9/2006	Upwind	0.002	8
	Downwind	0.003	8
2/10/2006	Upwind	0.002	6
	Downwind	0.002	6
2/11/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/12/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/13/2006	Upwind	0.004	6
	Downwind	0.009	6
2/14/2006	Upwind	0.018	7
	Downwind	0.020	7
2/15/2006	Upwind	0.018	7
	Downwind	0.017	7
2/16/2006	Upwind	0.018	7
	Downwind	0.019	7
2/17/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A
2/18/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/19/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/20/2006	Upwind	0.019	7
	Downwind	0.010	7
2/21/2006	Upwind	0.021	3
	Downwind	0.021	3
2/22/2006	Upwind	0.023	6
	Downwind	0.020	6
2/23/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A
2/24/2006	Upwind	N/A	N/A
	Downwind	N/A	N/A

Date Collected	Sample Location	Average Site Concentration (mg/m ³)	Average Period (Hours:Min)
2/25/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/26/2006	Upwind	weekend	weekend
	Downwind	weekend	weekend
2/27/2006	Upwind	--	--
	Downwind	--	--
2/28/2006	Upwind	0.003	6
	Downwind	0.006	6
notification level		0.120	
action level		0.150	

Notes:

N/A - Not available due to precipitation forecast > 50%

--- - No reading due to technical difficulties with monitoring equipment

- Not deployed

**Table 7- Daily Noise Monitoring Results
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date	Noise (dBA)			Average Period (Hours:Min)
	High	Low	Average	
2/1/2006	89.9	52.7	65.4	7.0
2/2/2006	85	47.5	62.6	6.5
2/3/2006	##	##	##	##
2/4/2006	weekend	weekend	weekend	weekend
2/5/2006	weekend	weekend	weekend	weekend
2/6/2006	##	##	##	##
2/7/2006	103.1	57.7	65.4	5.5
2/8/2006	77	52.4	67.9	1.4
2/9/2006	88.1	50	64	8.2
2/10/2006	103.9	57.3	69.4	5.3
2/11/2006	weekend	weekend	weekend	weekend
2/12/2006	weekend	weekend	weekend	weekend
2/13/2006	93.2	52.2	61.5	4.4
2/14/2006	92.7	55.5	64	7.8
2/15/2006	81.9	46.6	55.3	7.9
2/16/2006	89.3	61.7	69.7	7.3
2/17/2006	N/A	N/A	N/A	N/A
2/18/2006	weekend	weekend	weekend	weekend
2/19/2006	weekend	weekend	weekend	weekend
2/20/2006	86.3	53.4	61.5	0.7
2/21/2006	79.1	52.6	61.7	3.2
2/22/2006	81.7	48.5	57.7	6.7
2/23/2006	N/A	N/A	N/A	N/A
2/24/2006	N/A	N/A	N/A	N/A
2/25/2006	weekend	weekend	weekend	weekend
2/26/2006	weekend	weekend	weekend	weekend
2/27/2006	83.8	56.7	66.2	1.0
2/28/2006	92.3	51	62.8	4.0

Notes:

dBA - Decibel

N/A - Not deployed due to weather

--- - No readings due to technical errors

- Not deployed

** - Not deployed - minimal site work performed

**Table 8 - Daily Water Column Turbidity Monitoring Results
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Reading 1	Reading 2	Average	
2/1/2006	224	Downstream of Lyman Street Bridge	3.6	2.4	3.0	2.0
		Downstream of Holmes Road Bridge	4.2	3.7	4.0	2.5
2/2/2006	198	Downstream of Lyman Street Bridge	2.9	3.1	3.0	2.2
		Downstream of Holmes Road Bridge	3.6	3.6	3.6	2.7
2/3/2006	265	Downstream of Lyman Street Bridge	##	##	##	3.0
		Downstream of Holmes Road Bridge	##	##	##	3.4
2/4/2006	315	Downstream of Lyman Street Bridge	weekend	weekend	weekend	2.6
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	3.2
2/5/2006	435	Downstream of Lyman Street Bridge	weekend	weekend	weekend	3.2
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	3.7
2/6/2006	386	Downstream of Lyman Street Bridge	##	##	##	1.7
		Downstream of Holmes Road Bridge	##	##	##	2.8
2/7/2006	246	Downstream of Lyman Street Bridge	2.5	3.1	2.8	1.3
		Downstream of Holmes Road Bridge	1.4	5.2	3.3	2.2
2/8/2006	172	Downstream of Lyman Street Bridge	2.2	1.7	2.0	0.9
		Downstream of Holmes Road Bridge	3.3	3.5	3.4	1.8
2/9/2006	147	Downstream of Lyman Street Bridge	1.9	2.8	2.4	1.0
		Downstream of Holmes Road Bridge	2.7	4.1	3.4	1.8
2/10/2006	132	Downstream of Lyman Street Bridge	2.6	2.1	2.4	0.8
		Downstream of Holmes Road Bridge	3.1	2.9	3.0	1.7
2/11/2006	126	Downstream of Lyman Street Bridge	weekend	weekend	weekend	1.0
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	2.0
2/12/2006	121	Downstream of Lyman Street Bridge	weekend	weekend	weekend	0.7
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	1.7
2/13/2006	117	Downstream of Lyman Street Bridge	1.8	2.7	2.3	0.8
		Downstream of Holmes Road Bridge	1.3	2.8	2.1	1.5
2/14/2006	118	Downstream of Lyman Street Bridge	4.3	1.6	3.0	1.5
		Downstream of Holmes Road Bridge	2.7	3.7	3.2	2.2
2/15/2006	119	Downstream of Lyman Street Bridge	2.6	2.4	2.5	2.1
		Downstream of Holmes Road Bridge	2.4	2.8	2.6	2.9
2/16/2006	125	Downstream of Lyman Street Bridge	4.1	3.6	3.9	2.6
		Downstream of Holmes Road Bridge	4.2	4.1	4.2	3.4
2/17/2006	148	Downstream of Lyman Street Bridge	4.7	3.8	4.3	3.4
		Downstream of Holmes Road Bridge	5.1	10.2	7.7	4.2
2/18/2006	138	Downstream of Lyman Street Bridge	weekend	weekend	weekend	1.0
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	2.2
2/19/2006	106	Downstream of Lyman Street Bridge	weekend	weekend	weekend	0.3
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	1.2
2/20/2006	100	Downstream of Lyman Street Bridge	3.2	4.0	3.6	0.6
		Downstream of Holmes Road Bridge	1.6	3.4	2.5	1.5
2/21/2006	94	Downstream of Lyman Street Bridge	1.8	1.7	1.8	0.9
		Downstream of Holmes Road Bridge	1.2	2.1	1.7	2.1
2/22/2006	93	Downstream of Lyman Street Bridge	1.7	2.1	1.9	1.6
		Downstream of Holmes Road Bridge	2.3	2.4	2.4	2.8
2/23/2006	88	Downstream of Lyman Street Bridge	1.6	1.5	1.6	1.7
		Downstream of Holmes Road Bridge	2.3	2.1	2.2	2.9

Date	Flow at Coltsville (cfs)	Location	Turbidity (ntu)			Temperature Average (°C)
			Reading 1	Reading 2	Average	
2/24/2006	83	Downstream of Lyman Street Bridge	1.4	1.6	1.5	1.9
		Downstream of Holmes Road Bridge	1.9	3.2	2.6	2.9
2/25/2006	70	Downstream of Lyman Street Bridge	weekend	weekend	weekend	0.8
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	1.8
2/26/2006	65	Downstream of Lyman Street Bridge	weekend	weekend	weekend	0.4
		Downstream of Holmes Road Bridge	weekend	weekend	weekend	1.5
2/27/2006	58	Downstream of Lyman Street Bridge	1.3	3.7	2.5	0.5
		Downstream of Holmes Road Bridge	2.1	3.7	2.9	1.2
2/28/2006	50	Downstream of Lyman Street Bridge	0.9	1.1	1.0	1.0
		Downstream of Holmes Road Bridge	1.7	1.5	1.6	1.4

Notes:

Turbidity Action Level - Average Downstream (Pomeroy Avenue) \geq Average Downstream

(Lyman Street) + 50 ntu

cfs - Cubic feet per second

ntu - nephelometric turbidity units

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

- Not deployed.

**Table 9- Summary of Turbidity, PCB, and TSS Water Column Monitoring Results
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

Location	Date	Estimated Flow (cfs)	Turbidity (ntu)			Water Temp. (°C)	Sample ID	Total PCB Concentration (ug/l)	Filtered PCB Concentration (ug/l)	TSS (mg/l)
			Read 1	Read 2	Daily Average					
Upstream of Newell St. Bridge	02/08/06	172	NS	NS	NS	NS	H0-SW000054-0-6F08	ND(0.013)	ND(0.013)	5.4
Downstream of Lyman St. Bridge	02/08/06	172	2.2	1.7	2.0	0.9	H2-SW000055-0-6F08	ND(0.013)	ND(0.013)	3.3
Downstream of Holmes Rd. Bridge	02/08/06	172	3.3	3.5	3.4	1.8	H2-SW000006-0-6F08	0.058	ND(0.013)	5.7
Downstream of Holmes Rd. Bridge (duplicate)	02/08/06	172	3.3	3.5	3.4	1.8	H2-SW000006-1-6F08	0.052	NS	NS
Upstream of Newell St. Bridge	02/22/06	93	NS	NS	NS	NS	H0-SW000054-0-6F22	NR	NR	NR
Downstream of Lyman St. Bridge	02/22/06	93	1.7	2.1	1.9	1.6	H2-SW000055-0-6F22	NR	NR	NR
Downstream of Holmes Rd. Bridge	02/22/06	93	2.3	2.4	2.4	2.8	H3-SW000006-0-6F22	NR	NR	NR

Notes:

PCB Action Level - Downstream (Pomeroy Avenue) \geq Downstream (Lyman Street) + 5 ug/L

ND(0.013) - Analyte was not detected. The value in parentheses is the associated detection limit.

cfs - Cubic feet per second

ntu - nephelometric turbidity units

NS - Not Sampled

NR - Not yet reported

Temperature measured YSI 600 oms system.

Flow data was obtained from the USGS Station 01197000 in Coltsville, MA at approximately midday.

Water column samples were collected as 4 grab composite samples.

**Table 10 - PCB Air Sampling Results
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in $\mu\text{g}/\text{m}^3$)

Sample ID	Location (1)	Date Collected	Aroclor 1016, 1232 & 1242	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-AR000007-0-5F09	AR000007	09-Feb-06	ND(0.000313)	ND(0.000407)	ND(0.000532)	ND(0.000407)	ND(0.000313)	ND
H2-AR000051-0-6F09	AR000051	09-Feb-06	ND(0.000298)	ND(0.000388)	ND(0.000507)	ND(0.000388)	0.000537	0.000537
H2-AR000051-1-6F09 (duplicate)	AR000051	09-Feb-06	ND(0.000289)	ND(0.000376)	ND(0.000491)	ND(0.000376)	0.000693	0.000693
H2-AR000054-0-6F09	AR000054	09-Feb-06	ND(0.000293)	ND(0.000381)	ND(0.000498)	ND(0.000381)	ND(0.000293)	ND
H2-AR000055-0-6F09	AR000055	09-Feb-06	ND(0.000344)	ND(0.000447)	ND(0.000584)	ND(0.000447)	ND(0.000344)	ND

Notes:

Notification Level: $0.05\mu\text{g}/\text{m}^3$

Action Level: $0.1\mu\text{g}/\text{m}^3$

1- See Figure 1 for locations

**Table 11 - Equipment Confirmatory Wipe Samples
February 2006 Monthly Report**

**GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA**

(Results are presented in $\mu\text{g}/100 \text{ cm}^2$)

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs
H2-XI000297-0-6F16	16-Feb-06	ND(0.25)	0.39	ND(0.25)	0.39
H2-XI000297-1-6F16	16-Feb-06	ND(0.25)	1.4	0.29	1.7
H2-XI000298-0-6F16	16-Feb-06	ND(0.25)	3.3	0.42	3.7
H2-XI000299-0-6F16	16-Feb-06	ND(0.25)	0.81	ND(0.25)	0.81
H2-XI000300-0-6F16	16-Feb-06	ND(0.25)	1.6	0.33	1.9
H2-XI000301-0-6F16	16-Feb-06	ND(0.25)	1.7	0.48	2.2
H2-XI000302-0-6F16	16-Feb-06	ND(1.3)	9.5	2.2	12.0*
H2-XI000303-0-6F16	16-Feb-06	ND(0.25)	1.8	0.50	2.3
H2-XI000303-1-6F16	16-Feb-06	ND(0.25)	0.43	ND(0.25)	0.43
H2-XI000304-0-6F16	16-Feb-06	ND(0.25)	1.9	0.56	2.5
H2-XI000305-0-6F16	16-Feb-06	ND(0.25)	0.51	ND(0.25)	0.51
H2-XI000306-0-6F16	16-Feb-06	ND(0.25)	2.6	0.74	3.3
H2-XI000307-0-6F16	16-Feb-06	ND(0.25)	3.5	0.83	4.3
H2-XI000308-0-6F16	16-Feb-06	ND(0.25)	5.7	1.5	7.2
H2-XI000309-0-6F16	16-Feb-06	ND(0.25)	4.8	1.4	6.2
H2-XI000310-0-6F16	16-Feb-06	ND(0.25)	4.5	0.93	5.4
H2-XI000311-0-6F16	16-Feb-06	ND(0.25)	7.3	1.6	8.9
H2-XI000312-0-6F16	16-Feb-06	ND(0.25)	1.7 J	0.27	2.0
H2-XI000313-0-6F16	16-Feb-06	ND(0.25)	1.2	0.29	1.5
H2-XI000313-1-6F16	16-Feb-06	ND(0.25)	1.2	0.30	1.5
H2-XI000314-0-6F16	16-Feb-06	ND(0.25)	1.4	0.35	1.8
H2-XI000315-0-6F16	16-Feb-06	ND(0.25)	1.1	ND(0.25)	1.1
H2-XI000316-0-6F16	16-Feb-06	ND(0.25)	0.84	ND(0.25)	0.84
H2-XI000317-0-6F16	16-Feb-06	ND(0.25)	0.39	ND(0.25)	0.39
H2-XI000318-0-6F16	16-Feb-06	ND(0.25)	1.1 J	ND(0.25)	1.1
H2-XI000319-0-6F16	16-Feb-06	ND(0.25)	0.43	ND(0.25)	0.43
H2-XI000320-0-6F16	16-Feb-06	ND(0.25)	3.2	1.2	4.4
H2-XI000321-0-6F16	16-Feb-06	ND(0.25)	0.35	ND(0.25)	0.35
H2-XI000322-0-6F16	16-Feb-06	ND(0.25)	1.3	0.56	1.9
H2-XI000323-0-6F16	16-Feb-06	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
H2-XI000323-1-6F16	16-Feb-06	ND(0.25)	0.46	ND(0.25)	0.46
H2-XI000324-0-6F16	16-Feb-06	ND(0.25)	0.95	0.30	1.3

Notes:

PCB Action Level - $10.0 \mu\text{g}/100 \text{ cm}^2$

ND(0.25) - Analyte was not detected. The value in parentheses is the associated detection limit.

J - Indicates an estimated value.

* - Sample results exceeded the PCB Action Level, the equipment was re-decontaminated and another sample will be collected.

Table 12 - Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results
February 2006 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000324-0-6F13	H2-OT000325-0-6F13	H2-OT000326-0-6F13	H2-OT000327-0-6F16
Sample type	stockpile material characterization	stockpile material characterization	stockpile material characterization	stockpile material characterization
Date Collected	2/13/2006	2/13/2006	2/13/2006	2/16/2006
Stockpile Location	Area 64D north	Area 64D south	Area 64C north	Area 64A
Analyte				
PCBS				
AROCLOR-1248	ND	ND	ND	ND
AROCLOR-1254	8.4	5.0	7.3	ND
AROCLOR-1260	27.0	50.0	88.0	27.0
PCB, TOTAL	35.0	55.0	95.0	27.0
INORGANICS				
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT	ABSENT	ABSENT
PERCENT SOLIDS (%)	74.9%	86.9%	84.5%	87.0%

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

(1) Material represented by this sample is classified as TSCA material. Material to be transported to GE's Building 71 OPCA or to an off-site TSCA regulated landfill.

Table 12 - Post Excavation Soil/ Sediment Stockpile Characterization Analytical Results
February 2006 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000327-1-6F16	H2-OT000328-0-6F17	H2-OT000329-0-6F17	H2-OT000332-0-6F23
Sample type	stockpile material characterization (duplicate)	stockpile material characterization	stockpile material characterization	stockpile material characterization
Date Collected	2/16/2006	2/17/2006	2/17/2006	2/23/2006
Stockpile Location	Area 64A	Area 64C south	Area 64B north	Area 64C north
Analyte				
PCBS				
AROCLOR-1248	ND	ND	ND	ND
AROCLOR-1254	ND	1.3	ND	1.6
AROCLOR-1260	28.0	8.3	16.0	4.1
PCB, TOTAL	28.0	9.6	16.0	5.7
INORGANICS				
PAINT FILTER LIQUIDS (ml)	ABSENT	ABSENT	ABSENT	ABSENT
PERCENT SOLIDS (%)	88.3%	81.8%	86.9%	84.1%

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected

Table 13 - Temporary Dam Concrete Characterization Analytical Results
February 2006 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000330-0-6F21	H2-OT000331-0-6F21
Sample type	Concrete Sample	Concrete Sample
Date Collected	2/21/2006	2/21/2006
Analyte		
PCBS		
AROCLOR-1248	ND	ND
AROCLOR-1254	ND	ND
AROCLOR-1260	0.04	0.042
PCB, TOTAL	0.04	0.042
INORGANICS		
PERCENT SOLIDS (%)	95.5%	95.0%

Notes:

Only detected constituents are summarized

J - Indicates an estimated value

ND - not detected



Photograph 1 – Removal of the Temporary River Diversion Dam



Photograph 2 – Floating Barge River Crossing



Photograph 3 – Floating Barge River Crossing



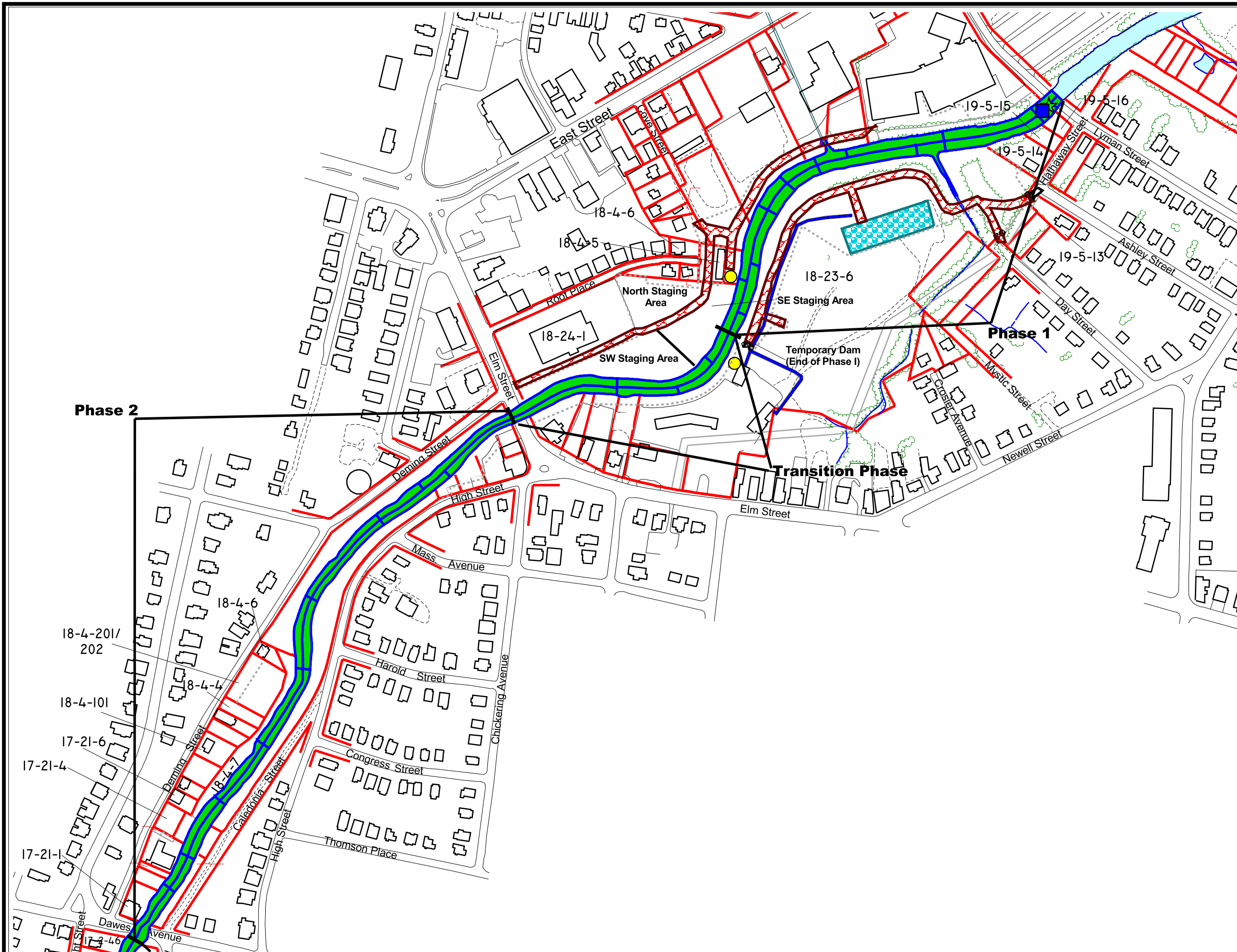
Photograph 4 – Excavation Activities in Cell 41



Photograph 5 – Removal of the Cell 41/42 Sheetpile Centerline Wall



Photograph 6 – Cell 44-Upper Backfilling Activities Completed



LEGEND

- Roads
- Surface Water
- Water Treatment Plant*
- Access Roads
- Asphalt Access Road
- Property Lines
- Loadout Area
- Site Security Fence Line
- Work Completed
- Turbidity Monitoring Locations
- Vibration Monitoring Locations
- Water Monitoring Locations
- Buried Electric/Telephone Line*

*Note: As-built features were located using a real time GPS unit



Scale in Feet

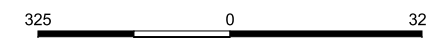
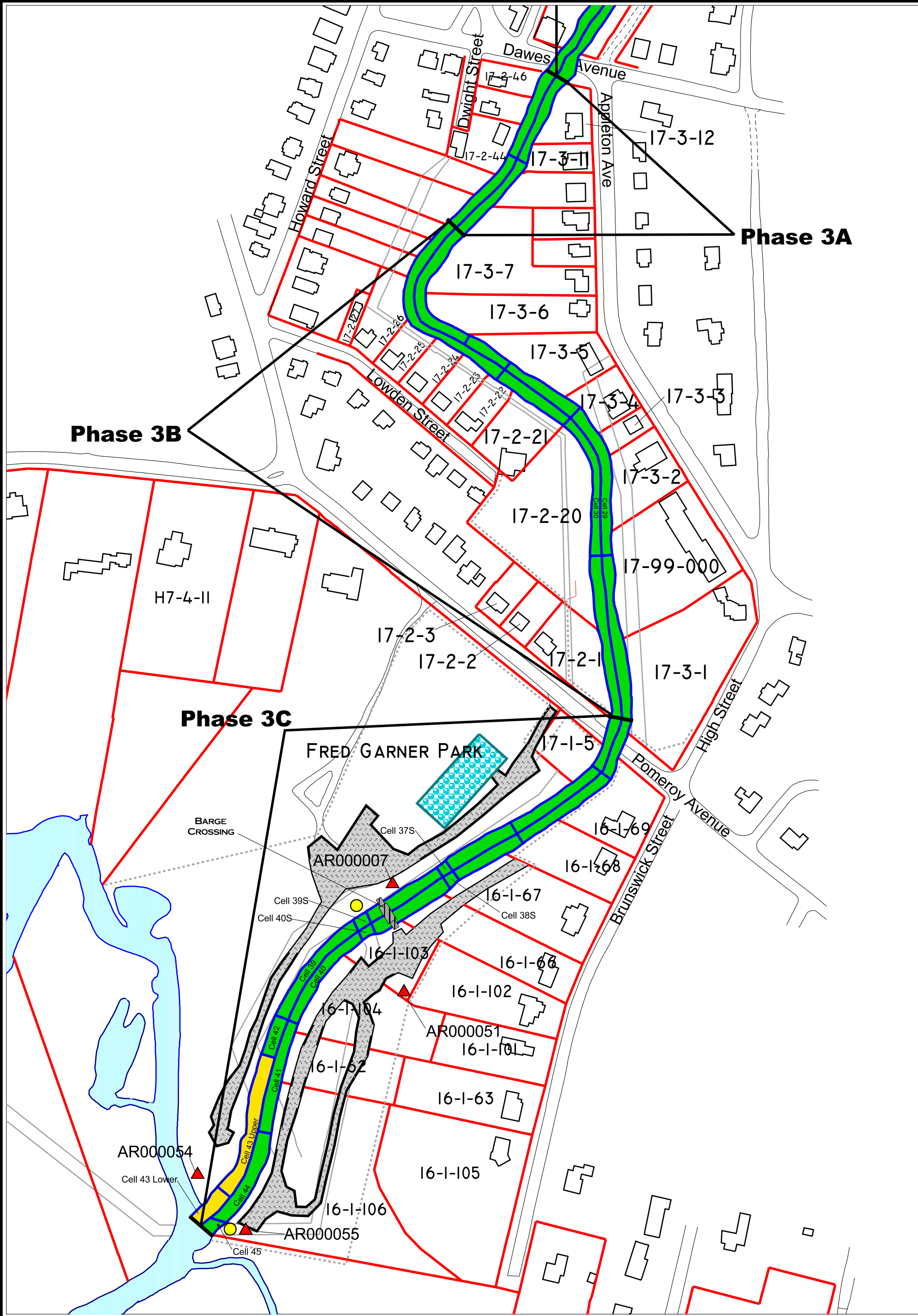


Figure 1
1.5 Mile Removal Action
Site Map (Map 1 of 2)
February 2006 Monthly Report



LEGEND

- | | |
|-----------------------|--------------------------------|
| Surface Water | Site Security Fence line |
| Water Treatment Plant | Roads |
| Access/Staging Areas | Vibration Monitoring Locations |
| Property Lines | Turbidity Monitoring Locations |
| Work Completed | Water Monitoring Locations |
| Work In Progress | Air Monitoring Locations |



Scale in Feet

100 0 100 200



Figure 1
1.5 Mile Removal Action
Site Map (Map 2 of 2)
February 2006 Monthly Report